

Public Notice
PERMIT APPLICATION: NRS #07.417

APPLICANT: David Schwab, Chief Manager
Cartwright Close, LLC
5120 Virginia Way, Suite B-11
Brentwood, TN 37027

LOCATION: Cartwright Close Subdivision
South of Hidden Valley Road, Approx. 658ft east of Log Cabin Tr.
Site 35.997575°N, -86.85907°W
Williamson County

PROJECT DESCRIPTION: The above applicant is seeking an aquatic resource alteration permit for stream impacts associated with the Cartwright Close Subdivision, located south of Hidden Valley Road in northern Williamson County. In total the property being developed is 143 acres. The proposal is to drain and fill an existing in-stream pond and reconstruct the stream channel. The existing pond is approximately 250ft x 95ft, and exists where two wet weather conveyances join. The pond is hydrologically connected to an unnamed tributary of Cartwright Creek. It is estimated that 1,900 cubic yards of fill would be needed to fill the pond and create the desired grade. The restored stream channel would be 180ft long, trapezoidal in shape with 3:1 side slopes. The bottom width of the stream channel is to be 3 – 4ft. The existing stream channel varies from 3-4 ft with approximately 2:1 sided slopes with a wooded riparian area. Trees are to be planted along the restored stream channel on both the side slopes and top of bank. Post construction the stream is to have a 100ft buffer.

WATERSHED DESCRIPTION: The project is located in the Harpeth River watershed (HUC 05130204). The land use surrounding this property is residential. The property is gently rolling with wooded area and pasture previously used for livestock. The stream being impacted is a first order stream, which joins another first order stream before entering Cartwright Creek. Cartwright Creek has been assessed as impaired due to physical substrate habitat alterations. USGS Topo Quad: Franklin (63NE) and Oak Hill (308 SE).

Previously issued ARAPs for phase 1 of this project included NR0704.226 for two road crossings, and NR0704.227 for two water line crossings. Coverage under the NPDES General Permit for Construction Storm Water, TNR145696, was granted on November 2, 2007 for 23 acres.

In accordance with the Tennessee Antidegradation Statement (Rule 1200-4-3-.06), the Division has determined that the proposed activity will not result in degradation. More details on the proposal can be viewed on the Internet at <http://www.state.tn.us/environment/wpc/ppo/arap>.

PERMIT COORDINATOR: Judy Manners

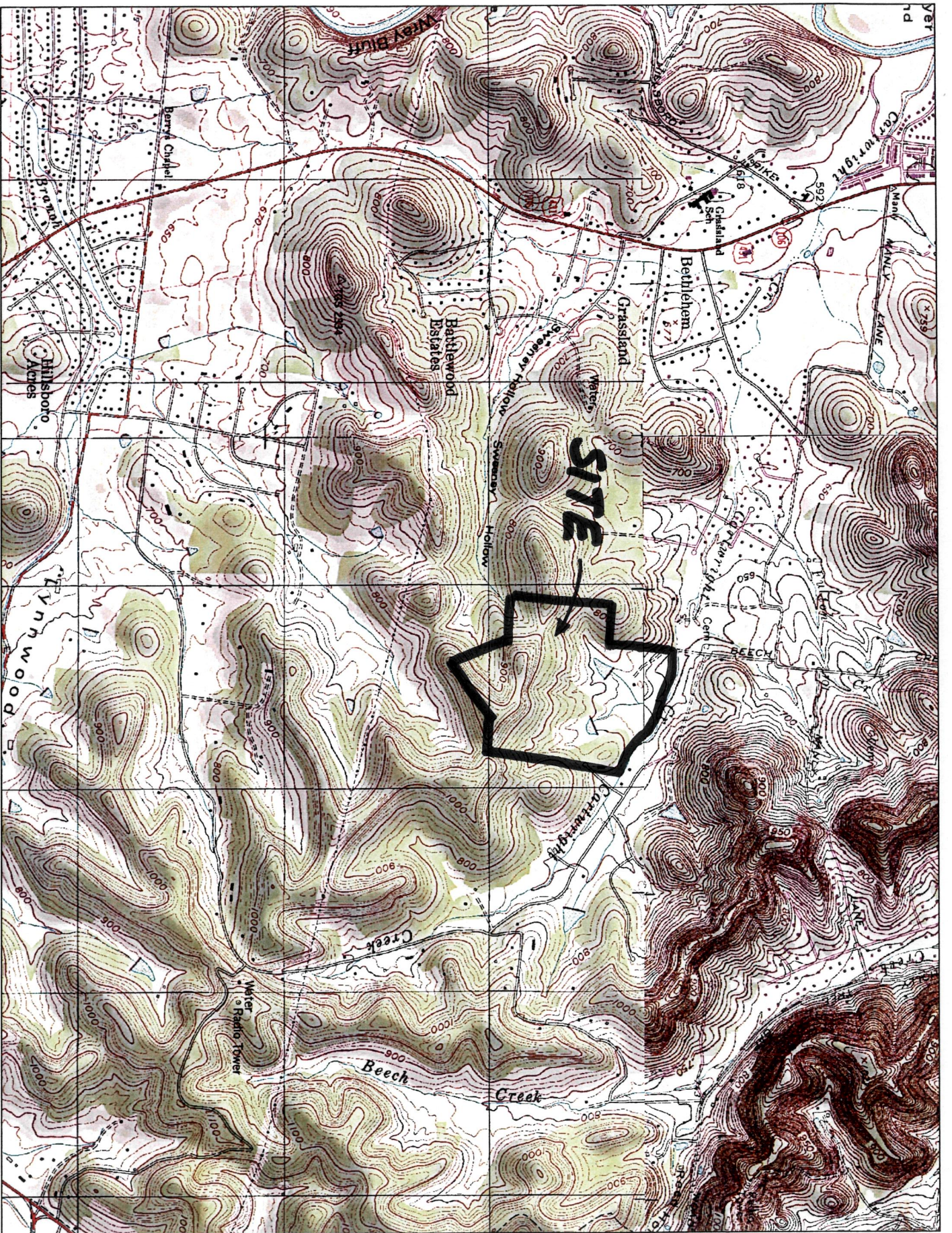
No decision has been made whether to issue or deny this permit. The purpose of this notice is to inform interested parties of this permit application and to ask for comments and information necessary to determine possible impacts to water quality. Persons wishing to comment on the proposal are invited to submit written comments to the department. Written comments must be received within **thirty days of the date that this notice is posted**. Comments will become part of the record and will be considered in the final decision. The applicant's name and permit number should be referenced.

Interested persons may also request in writing that the department hold a public hearing on this application. The request must be filed within the comment period, indicate the interest of the person requesting it, the reasons that the hearing is warranted, and the water quality issues being raised. When there is sufficient public interest in water quality issues, the department will hold a public hearing.

The permit application, supporting documentation including detailed plans and maps, and related comments are available at the department's address for review and/or copying. The department's address is:

Tennessee Department of Environment & Conservation
Division of Water Pollution Control, Natural Resources Section
7th Floor L & C Annex
401 Church Street
Nashville, TN 37243

In deciding whether to issue or deny a permit, the department will consider all comments on record and the requirements of applicable federal and state laws.



Cartwright Close Pictures Taken January 12, 2007



1. Pond "B"



2. Pond "B"



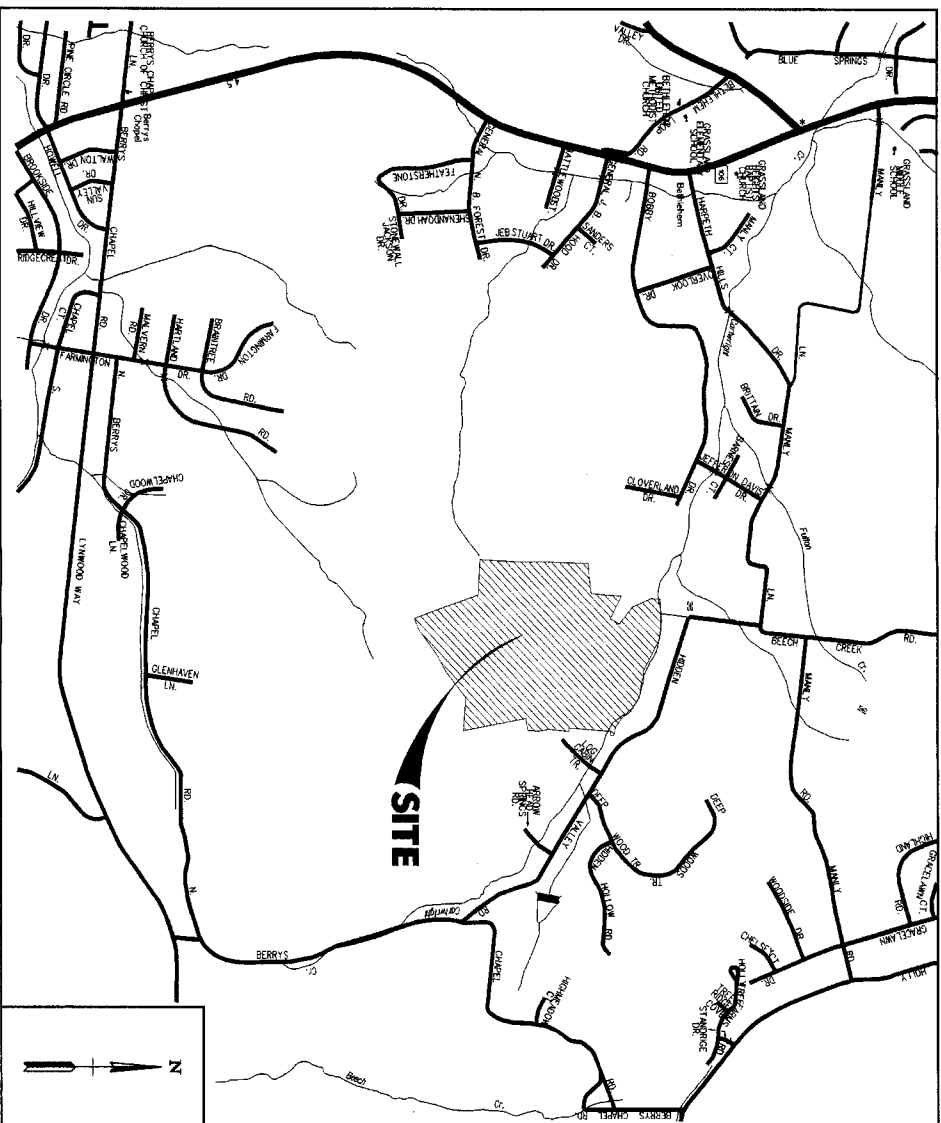
3. Channel Downstream from Pond "B"



4. Wet Weather Conveyance Upstream from Pond "B"

CONSTRUCTION PLANS
FOR
CARTWRIGHT CLOSE
A PLANNED RESOURCES CONSERVATION DEVELOPMENT
FRANKLIN, WILLIAMSON COUNTY, TENNESSEE

Sheet No.	Description
C1.00	COVER SHEET
C1.01 - C1.08	OVERALL SITE PLAN
C2.01 - C2.08	SITE LAYOUT AND WATER LINE PLAN
C3.01 - C3.05	SITE GRADING, DRAINAGE AND EROSION CONTROL PLAN
C4.01 - C4.06	ROADWAY PLAN / PROFILE
C5.01 - C5.02	WATERLINE PROFILE
	CIVIL DETAILS



LOCATION MAP
NOT TO SCALE

OWNER/DEVELOPER:

THE PRINCIPALS GROUP, LLC.
5120 VIRGINIA WAY, SUITE B-11
BRENTWOOD, TN. 37027
CONTACT: DAVID SCHWAB
(615) 394-2019

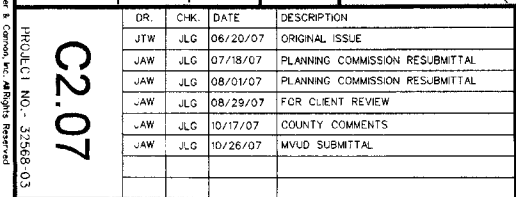


BWSC
MAY 23, 2007
PROJECT No.
32568-03
JULY 17, 2007
PLANNING
COMMISSION
RESUBMITTAL
AUG. 29, 2007
FOR CLIENT
REVIEW
OCT. 17, 2007
COUNTY
COMMENTS
OCT. 26, 2007
MAYUD SUBMITTAL
NOV. 12, 2007
MAYUD
COMMENTS

CONSTRUCTION PLANS
FOR
CARTWRIGHT CLOSE
A PLANNED RESOURCES CONSERVATION DEVELOPMENT
FRANKLIN, WILLIAMSON COUNTY, TENNESSEE

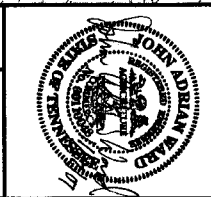
BWSC
BARGE
WAGGONER
SUMNER &
CANNON, INC.
ENGINEERS ARCHITECTS PLANNERS
LANDSCAPE ARCHITECTS AND SURVEYORS

281 Commerce Street, Suite 600 Nashville, Tennessee 37201
PHONE (615) 254-1500 FAX (615) 255-6572



SITE GRADING, DRAINAGE, & EROSION CONTROL PLAN

CARTWRIGHT CLOSE
ZONED SUBURBAN ESTATE
BY THE PRINCIPALS GROUP, LLC
WILLIAMSON COUNTY, TENNESSEE



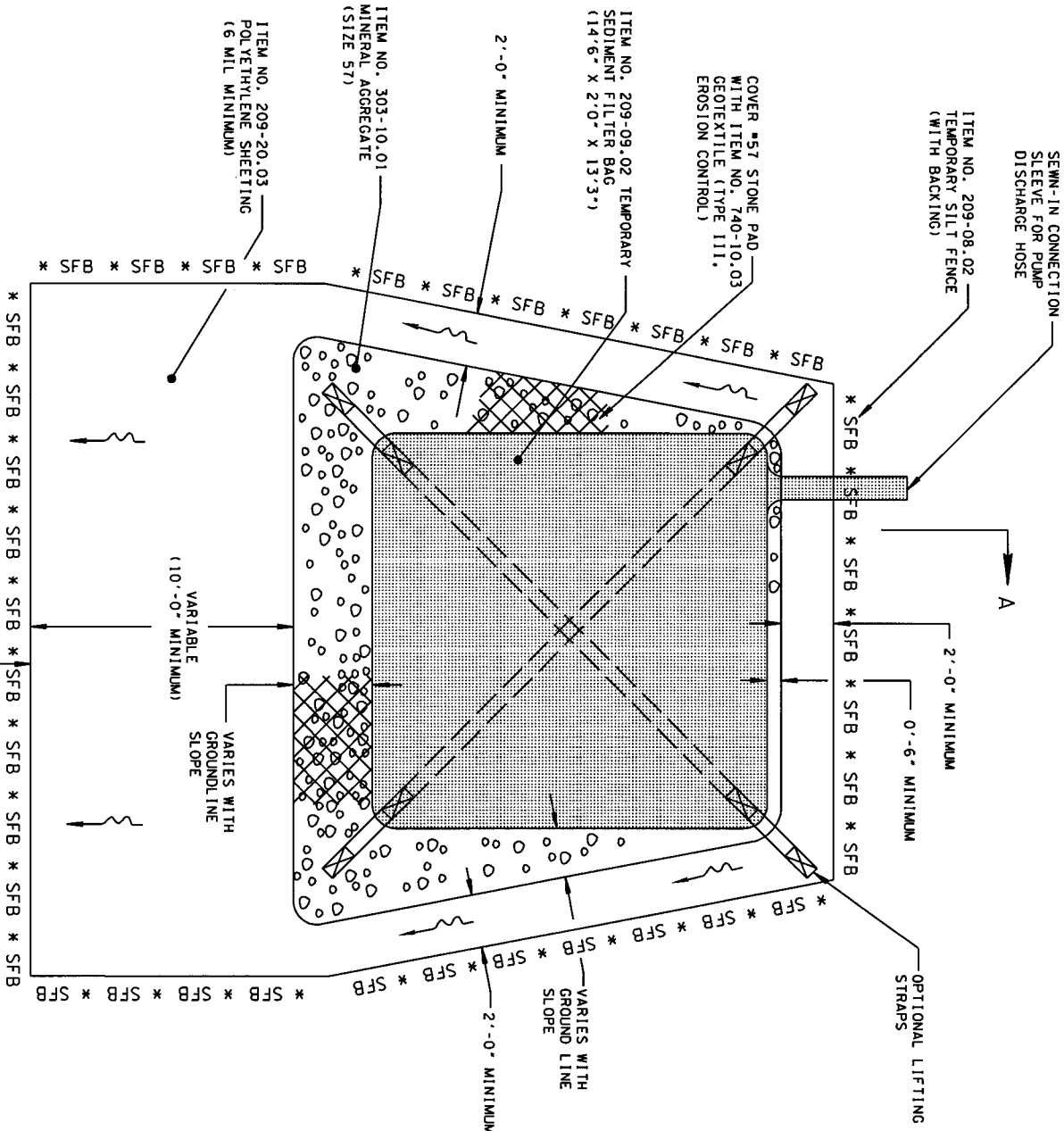
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**ENGINEERS ARCHITECTS PLANNERS
LANDSCAPE ARCHITECTS AND SURVEYORS**

211 Commerce Street, Suite 600, Nashville, Tennessee 37201
Phone (615) 254-1500 Fax (615) 255-9572

TEMPORARY SEDIMENT FILTER BAG

- REV. 2-26-01: CORRECTED PAY ITEM NUMBER IN PLAN VIEW.
- REV. 5-27-01: CHANGED ITEM NOS. 209-08 TO 209-08.03, 209-08.10 TO 209-09.02 AND 303-15.01 TO 303-10.01. CHANGED DESCRIPTION IN ITEM NO. 209-20.03.
- REV. 12-18-02: CHANGED SILT FENCE (WITHOUT BACKING) TO SILT FENCE (WITH BACKING) IN PLAN AND SECTIONAL VIEW. CHANGED PAY ITEM FROM 209-08.03 TO 209-08.02 FOR SILT FENCE.
- REV. 10-26-03: ADDED EROSION CONTROL SYMBOL.
- REV. 5-27-04: CORRECTED DIMENSION IN SECTION A-A.
- REV. 4-15-06: ADDED CONNECTION SLEEVE AND OPTIONAL LIFTING STRAPS. REFORMATTED SHEET, REVISED NOTES, MISC. EDITS TO DRAWING.



SECTION A-A

TEMPORARY SEDIMENT FILTER BAG GENERAL NOTES

- (A) SPECIAL PROVISION 209B IS TO BE USED FOR TEMPORARY SEDIMENT FILTER BAGS. ALL REFERENCES IN SPECIAL PROVISION 209B TO PUMPING FROM SEDIMENT TRAPS ALSO APPLIES TO PUMPING FROM COFFER DAMS.
- (B) CONTRACTOR SHALL EXERCISE CAUTION NOT TO BURST OR DAMAGE THE TEMPORARY SEDIMENT FILTER BAG WHEN PUMPING.
- (C) THE LENGTH AND WIDTH OF THE TEMPORARY SEDIMENT BAG SHOWN ON THIS DRAWING MAY VARY PER VENDOR SPECIFICATIONS. THE MINIMUM "FOOTPRINT" OF THE BAG SHALL BE 185 SQUARE FEET.
- (D) TEMPORARY SEDIMENT FILTER BAGS SHALL BE EQUIPPED WITH A SEWN-IN SLEEVE OF SUFFICIENT SIZE TO ACCEPT A MINIMUM FOUR-INCH DIAMETER PUMP DISCHARGE HOSE. THE DISCHARGE HOSE SHOULD BE EXTENDED INTO THIS SLEEVE A MINIMUM OF SIX INCHES AND BE TIGHTLY SECURED WITH A HOSE CLAMP OR OTHER SUITABLE MEANS TO PREVENT LEAKAGE. HOSE CONNECTION THROUGH A SLIT IN THE BAG WILL NOT BE ACCEPTABLE.
- (E) THE PUMP DISCHARGE HOSE CONNECTION SLEEVE SHALL BE SECURELY TIED OFF DURING DISPOSAL OF THE TEMPORARY SEDIMENT FILTER BAG IN ORDER TO PREVENT LEAKAGE OF COLLECTED SEDIMENTS.
- (F) TEMPORARY SEDIMENT FILTER BAGS SHALL BE BID UNDER THE FOLLOWING PAY ITEMS:
 - 209-08.02 TEMPORARY SILT FENCE (WITH BACKING) PER LINEAR FOOT
 - 209-09.02 TEMPORARY SEDIMENT FILTER BAG (14'-6" X 2'-0" X 13'-3") PER BAG
 - 209-20.03 POLYETHYLENE SHEETING (6 MIL MINIMUM) PER SQUARE YARD
 - 303-10.01 MINERAL AGGREGATE (SIZE 57) PER TON
 - 740-10.03 GEOTEXTILE (TYPE III) (EROSION CONTROL) PER SQUARE YARD
- (G) ANY PRODUCT LISTED ON THE QUALIFIED PRODUCTS LIST AS AN APPROVED ALTERNATE, IS ALSO ACCEPTABLE.
- (H) TEMPORARY SEDIMENT FILTER BAG SHALL BE REPLACED WHEN 6 INCHES OF SEDIMENT HAS ACCUMULATED OR IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS.

PLAN VIEW

EROSION CONTROL PLAN LEGEND:



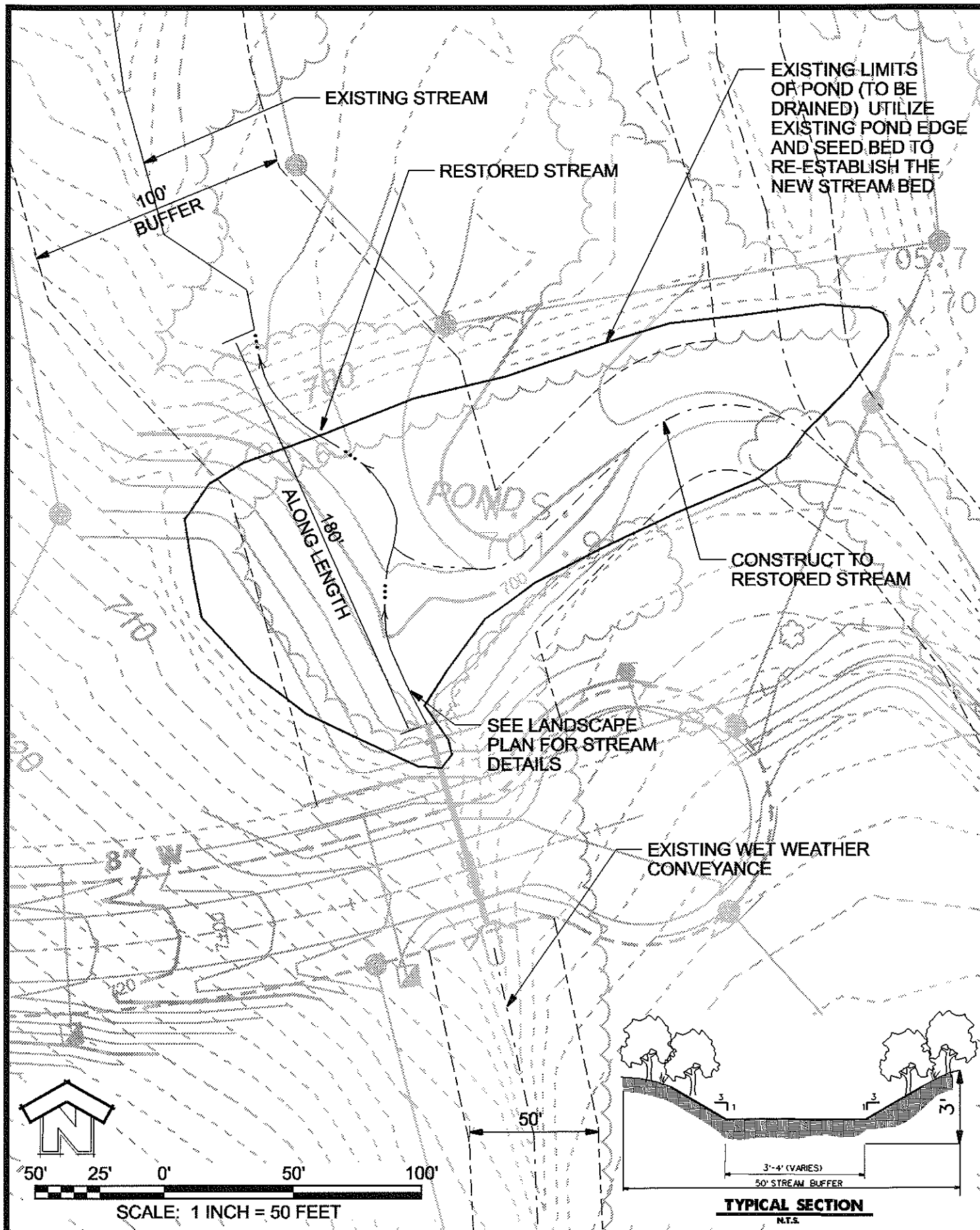
(TEMPORARY SEDIMENT FILTER BAGS)

MINOR REVISION -- FHWA
APPROVAL NOT REQUIRED.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

TEMPORARY
SEDIMENT
FILTER BAGS

10-26-00 EC-STR-2



BWSC

ENGINEERS ARCHITECTS PLANNERS
LANDSCAPE ARCHITECTS AND SURVEYORS

211 Commerce Street, Suite 600 Nashville, Tennessee 37204
PHONE (615) 254-2500 FAX (615) 255-6572

**BARGE
WAGGONER
SUMNER &
CANNON, INC.**

STREAM RESTORATION PLAN

CARTWRIGHT CLOSE
WILLIAMSON COUNTY, TENNESSEE

DRAWN BY:

JLW

CHECKED BY:

JLG

DRAWING NO.:

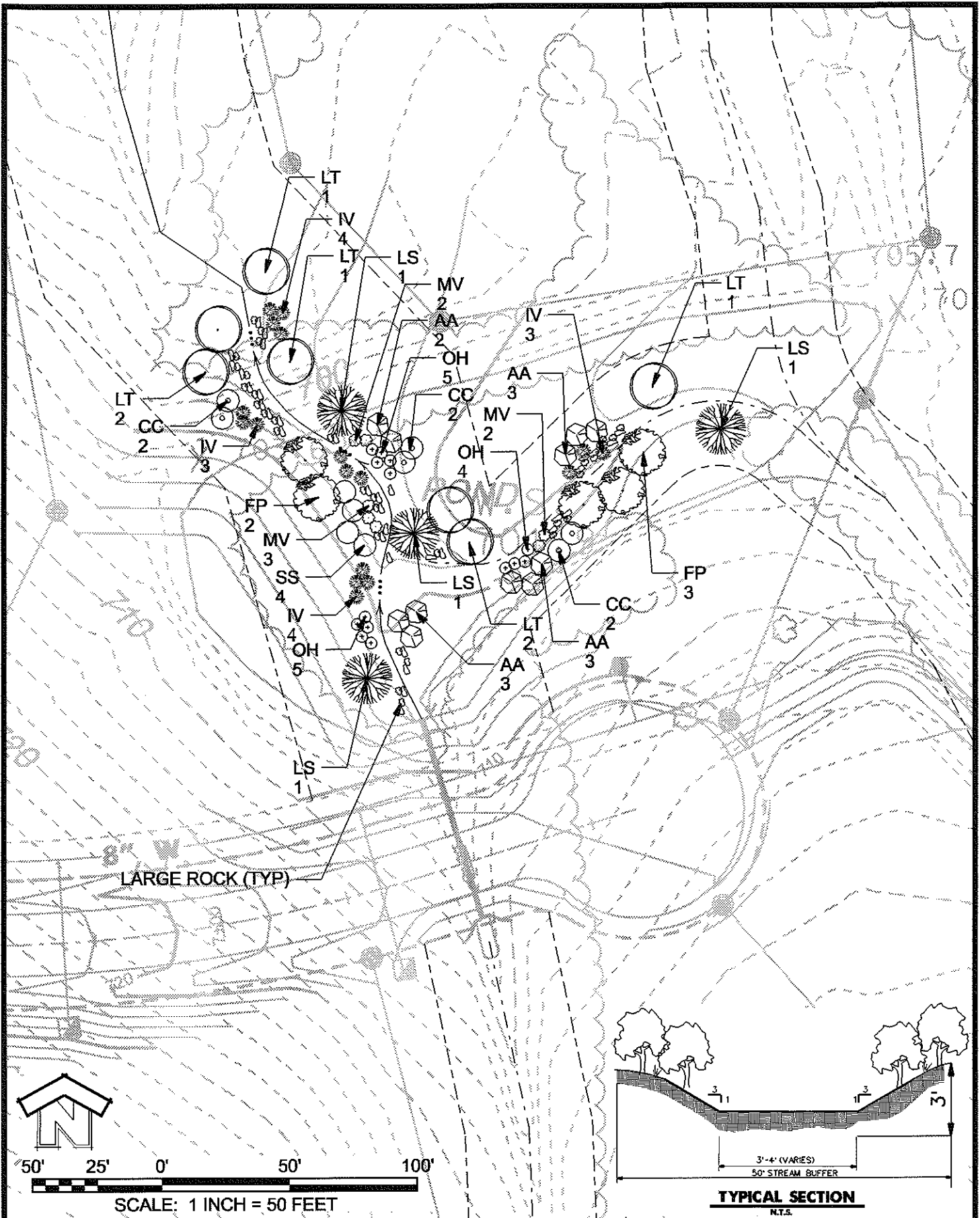
EXH 1

PROJECT NO.:

32568-03

DATE:

03-14-08



BWSC

ENGINEERS ARCHITECTS PLANNERS
LANDSCAPE ARCHITECTS AND SURVEYORS

211 Commerce Street, Suite 600 Nashville, Tennessee 37203
PHONE (615) 254-1500 FAX (615) 255-6512

**BARGE
WAGGONER
SUMNER &
CANNON, INC.**

STREAM LANDSCAPE PLAN

CARTWRIGHT CLOSE
WILLIAMSON COUNTY, TENNESSEE

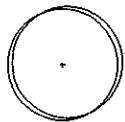
DRAWN BY: JLW
CHECKED BY: JLG

DRAWING NO.: **EXH 2**

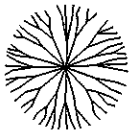
PROJECT NO.: 32568-03
DATE: 03-14-08

PLANT LIST						
KEY	COMMON NAME	BOTANICAL NAME	QTY	SIZE	SPACING	REMARKS
AA	SERVICE BERRY	Amelanchier sp.	11	2" CALIPER	AS SHOWN	-SINGLE LEADER, FULL SHAPE
CC	RED BUD	Cercis canadensis	6	2" CALIPER	AS SHOWN	-FULL SHAPE
SS	STAGHORN SUMAC	Rhus typhina	4	2" CALIPER	AS SHOWN	-FULL SHAPE
FP	GREEN ASH	Fraxinus pennsylvanica	5	2" CALIPER	AS SHOWN	-FULL SHAPE
LS	SWEET GUM	Liquidambar styraciflua	4	3" CALIPER	AS SHOWN	-FULL SHAPE
LT	TULIP TREE	Liriodendron tulipifera	7	3" CALIPER	AS SHOWN	-FULL SHAPE
IV	WINTER BERRY	Ilex verticillata	14	18" HEIGHT	AS SHOWN	
OH	OAK LEAF HYDRANGEA	Hydrangea quercifolia	14	18" HEIGHT	AS SHOWN	
MV	MAPLE LEAF VIBURNUM	Viburnum acerifolium	7	18" HEIGHT	AS SHOWN	

LEGEND



- TULIP TREE



- SWEET GUM



- GREEN ASH



- STAGHORN SUMAC



- SERVICE BERRY



- RED BUD



- WINTER BERRY



- OAK LEAF HYDRANGEA



- MAPLE LEAF VIBURNUM

NOTES:

1. CONTRACTOR TO STAKE PLANT AND ROCK LOCATIONS BY APPROVAL OF LANDSCAPE ARCHITECT
2. PLACE SIMILAR SIZE ROCK TO MIMIC EXISTING STREAM BED DOWN STREAM

BWSC

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LANDSCAPE ARCHITECTS AND SURVEYORS

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CANNON, INC.

PLANT LIST & SCHEDULE

CARTWRIGHT CLOSE
WILLIAMSON COUNTY, TENNESSEE

DRAWN BY:

JLW

CHECKED BY:

JLG

DRAWING NO.:

EXH 3

PROJECT NO.:

32568-03

DATE:

03-14-08